

SEQUENCE LISTING

<110> Jove, Richard
Dalton, William
Sebti, Said
Yu, Hua
Heller, Richard
Jaroszeski, Mark
Gilbert, Richard
Hamilton, Andrew

<120> INHIBITION OF STAT3 SIGNAL TRANSDUCTION FOR HUMAN CANCER THERAPY

Ins
B1
<130> 10873-008-999

<140> 09/492,764

<141> 2000-01-27

<150> 60/117,600

<151> 1999-01-27

<160> 38

<170> PatentIn version 3.0

<210> 1

<211> 24

<212> DNA

<213> Homo sapiens

<400> 1
agcttcattt cccgtaaata ccta

<210> 2

<211> 24

<212> DNA

<213> Homo sapiens

<400> 2

agcttcattt cccgtaaatc ccta

24

<210> 3

<211> 22

<212> DNA

<213> Homo sapiens

<400> 3

gtcccccggc cgaggaggcg ct

22

<210> 4

<211> 25

<212> DNA

<213> Homo sapiens

<400> 4

cgacgacttc tcccgcgcgt accgc

25

<210> 5

<211> 25

<212> DNA

<213> Homo sapiens

<400> 5

ccgcatgctg gggccgtaca gttcc

25

<210> 6

<211> 20

<212> DNA

<213> Homo sapiens

Ins
B1

<400> 6
cgggcattca gtgacctgac

20

<210> 7

<211> 20

<212> DNA

<213> Homo sapiens

<400> 7
tcaggaacca gcggttgaag

20

<210> 8

<211> 20

<212> DNA

<213> Homo sapiens

<400> 8
ccactgaact tctgattcgc

20

<210> 9

<211> 20

<212> DNA

<213> Homo sapiens

<400> 9
gcgtgctagc tggatgtctt

20

<210> 10

<211> 9

<212> DNA

<213> Homo sapiens

<400> 10
ttcggagaa

9

<210> 11

Ins
β₁

<211> 9

<212> DNA

<213> Homo sapiens

<400> 11
tgaggataa

9

<210> 12

<211> 12

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> N= S OR P

<400> 12

His Tyr Xaa Pro Ile Leu Val Tyr Gln Pro Ser Trp
1 5 10

<210> 13

<211> 12

<212> PRT

<213> Homo sapiens

<400> 13

Gln Asp Val His Leu Thr Gln Gln Ser Arg Tyr Thr
1 5 10

<210> 14

<211> 12

<212> PRT

<213> Homo sapiens

<400> 14

Ser His Pro Trp Asn Ala Gln Arg Glu Leu Ser Val

1 5 10

<210> 15

<211> 12

<212> PRT

<213> Homo sapiens

<400> 15

Tyr Pro Ala Pro Gln Pro Leu Val Thr Lys Thr Ser
1 5 10

<210> 16

<211> 12

<212> PRT

<213> Homo sapiens

<400> 16

Phe Ser Tyr Pro Leu Thr Arg Ala Pro Leu Asn Met
1 5 10

<210> 17

<211> 7

<212> PRT

<213> Homo sapiens

<400> 17

His Ala Ile Tyr Pro Arg Asn
1 5

<210> 18

<211> 7

<212> PRT

<213> Homo sapiens

<400> 18

Ala Ser Thr Leu Pro Lys Ala
1 5

<210> 19

Ins
B1

<211> 7
 <212> PRT
 <213> Homo sapiens

 <400> 19
 Ile Gln Ser Pro His Phe Phe
 1 5
 <210> 20
 <211> 6
 <212> PRT
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <223> X = PHOSPHOTYROSINE

 <400> 20
 Pro Xaa Leu Lys Thr Lys
 1 5
 <210> 21
 <211> 6
 <212> PRT
 <213> Homo sapiens

 <400> 21
 Pro Tyr Leu Lys Thr Lys
 1 5
 <210> 22
 <211> 6
 <212> PRT
 <213> Homo sapiens

 <220>

INS
B1

<221> misc_feature
<223> X= PHOSPHOTYROSINE

<400> 22

Ala Xaa Leu Lys Thr Lys
1 5

<210> 23

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> X = PHOSPHOTYROSINE

<400> 23

Pro Xaa Ala Lys Thr Lys
1 5

<210> 24

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> X = PHOSPHOTYROSINE

<400> 24

Pro Xaa Leu Ala Thr Lys
1 5

<210> 25

<211> 6

<212> PRT

Ins
B1

<213> Homo sapiens

<220>

<221> misc_feature

<223> X = PHOSPHOTYROSINE

<400> 25

Pro Xaa Leu Lys Ala Lys
1 5

<210> 26

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> X = PHOSPHOTYROSINE

<400> 26

Pro Tyr Leu Lys Thr Ala
1 5

<210> 27

<211> 4

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> X = PHOSPHOTYROSINE

<400> 27

Pro Xaa Leu Lys
1

INS
B1

<210> 28
<211> 4
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> X = PHOSPHOTYROSINE

<400> 28
Pro Xaa Phe Lys
1

<210> 29
<211> 3
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> X = PHOSPHOTYROSINE

<400> 29
Xaa Leu Lys
1

<210> 30
<211> 4
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> X = PHOSPHOTYROSINE

<400> 30

Ala Xaa Leu Lys
1

<210> 31

<211> 3

<212> PRT

<213> Homo sapiens

<400> 31

Tyr Leu Lys
1

<210> 32

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> X = PHOSPHOTYROSINE

<400> 32

Pro Xaa Leu Lys Thr Lys
1 5

<210> 33

<211> 6

<212> PRT

<213> Homo sapiens

<400> 33

Pro Phe Leu Lys Thr Lys
1 5

<210> 34

<211> 4

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> X = PHOSPHOTYROSINE

<400> 34

Pro Xaa Leu Lys
1

<210> 35

<211> 4

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> X = PHOSPHOTYROSINE

<400> 35

Pro Xaa Leu Ala
1

<210> 36

<211> 4

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> X = PHOSPHOTYROSINE

<400> 36

Pro Xaa Leu Ala
1

<210> 37
<211> 3
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> X = PHOSPHOTYROSINE

<400> 37
Pro Xaa Leu
1

<210> 38
<211> 3
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> X = PHOSPHOTYROSINE

<400> 38
Ala Xaa Leu
1

Ins
B1